

REMEDIAL SITE ASSESSMENT DECISION EPA - REGION 5

SITE NAME: Commonwealth Edison EPA ID# 1C0000065489

ALIAS SITE NAME(S): _____

CITY: _____ COUNTY: _____ STATE: IL

REPORT DATED: 11/2000 REPORT TYPE: Memo

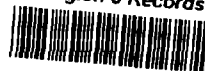
REPORT PREPARER: EPA - SF/RCRA SITE TYPE: _____ GAO ☒ IG

DISCUSSION/RATIONALE: "Lead Confirmed" - site deferral to
RCRA is correct.
Special Initiative Flags entered.
See attached.

Report Reviewed/
Site Decision Made by: J. Giffin Date: 11/15/00

Region 5 Revision of EPA Form # 9100-3,11/00 - Special - IG Audit

EPA Region 5 Records Ctr.



304458

**RESOURCE CONSERVATION AND RECOVERY ACT HANDLERS
ASSESSMENT**

For:

**Com Ed Dresden Station
MORRIS, ILLINOIS**

ILD000665489

**PREPARED BY:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
FEDERAL SITES REMEDIATION SECTION
SITE ASSESSMENT UNIT**

SEPTEMBER 2000

Introduction

On June 29th, 1999 the Illinois Environmental Protection Agency's (Illinois EPA) Site Assessment Program was tasked by the Region 5 offices of the United States Environmental Protection Agency (U.S.EPA) to undertake an initial assessment of a number of Resource Conservation and Recovery Act (RCRA) facilities within the State. These facilities are presently contained within the RCRA database but are not subject to RCRA's corrective action authorities and are currently referred to as RCRA "handlers". This RCRA Handlers Assessment Report is designed to identify facilities, which may pose a threat to human health or the environment, and to determine if placement of these facilities onto the Comprehensive Environmental Response, Compensation, and Liability Inventory System (CERCLIS) is warranted.

Site Description and History

In the initial phase of this handlers report the author conducted a review of all Illinois EPA Bureau of Land files for the Com Ed Dresden Nuclear facility located at 6500 North Dresden Road, in Morris, Illinois. Dresden produces electricity from controlled nuclear reactions.

Nuclear operations at this facility began in April of 1960 with the startup of Unit 1. Additional Units have been added throughout Dresden's years of operation. Unit 1 was taken out of service in 1978. Electrical production continues from the remaining Units. All nuclear activities are overseen by state and federal nuclear regulatory agencies. The non-nuclear operations are controlled in accordance with RCRA regulations. On December 11, 1992, No. 2 Diesel fuel was spilled onto snow covered gravel within a bermed diesel fuel storage tank area. The spilled diesel and

contaminated soils were removed from the site. In September and October of 1998, two 500 gallon underground storage tanks were removed from the site. Both tanks were found with pinholes, and a release was reported to the Illinois Emergency Management Agency (incident number 982306). One tank contained sodium hypochlorite and the other tank contained gasoline. The surrounding soils were remediated as witnessed by the State Fire Marshal's Office.

Pathway Analysis

There is a sand and gravel aquifer that is hydrologically connected to an underlying limestone aquifer. The water table is found at approximately eleven feet below grade. Private wells within the area are established near the 100 foot depth in the sand and gravel aquifer. The potential for contamination entering the drinking water supply is low due to the fact that the spills were contained within bermed areas, and the contaminated soil surrounding the leaking tanks were removed.

The Dresden plant is located where the Des Plaines and Kankakee Rivers meet to form the Illinois River. The 15 mile Target Distance Limit is located approximately five miles west of Morris, near McNellis Bayou. Goose Lake Prairie State Park and Heidecke Lake are adjacent to the site to the west, along the Illinois river. Several state endangered and threatened species are located within a mile of the site. However, the possibility that the surface water pathway has been effected by this site is low. The spills and associated contaminated soils have been removed.

There is a very active security force at the facility protecting the nuclear operations on site. This includes a chain link fence surrounding the site to restrict public access. Therefore, the possibility of exposure to on-site soil contamination for

the general public is low. Most of the site is covered with concrete, asphalt or gravel therefore, potential exposure to the work force is also low

Conclusions and Recommendations

Given the limited potential of contaminants from this site entering the environment through one of the established migration pathways, this reviewer recommends that this facility should continue to be regulated by the appropriate nuclear regulatory agencies as well as the federal RCRA program, and not be entered in the Comprehensive Environmental Response Compensation and Liability Act's Information System database or subject to any additional CERCLA investigative activities. This assessment has determined that any environmental concerns at this facility are not of a magnitude that would warrant CERCLA Removal or Remedial attention at this time.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

September 25, 2000

Ms. Jeanne Griffin
Emergency Response Branch
Region V Offices
Office of Superfund
U.S. Environmental Protection Agency
77 West Jackson
Chicago, Illinois 60604

Dear Ms. Griffin:

Please find enclosed a copy of the Resource Conservation and Recovery Act Handlers Assessment Report and site recommendation for the following sites slated for completion in our Fiscal 2000 Site Assessment cooperative agreement.

SITE NAME	COUNTY	CERCLA RECOMMENDATION
Electronic Support Systems	Cook	No
Cliffs Container 000768481	Cook	Yes
Amsted Industries 010278281	Cook	No
Climate Control Inc. 982419335	Macon	Yes
Cellofilm Corporation 074432303	Cook	No
Commonwealth Edison 000665489	Grundy	No
Commonwealth Edison 000806521	Ogle	No
Elkwood Plating 005126131	Cook	No
Anchor Glass Container 980589733	LaSalle	No
Benston Industries	Kane	Yes

We are pleased to provide you with the attached report. Should you have any questions or comments concerning this submission please feel free to contact me, or the authors of the specific report.

Sincerely,

Thomas Crause

Manager, Site Assessment Programs
Division of Remediation Management
Illinois Environmental Protection Agency

GEORGE H. RYAN, GOVERNOR



Superfund Site Assessment Data Management

EPA - Office of Emergency and Remedial Response

Reporting RCRA Deferral Activities

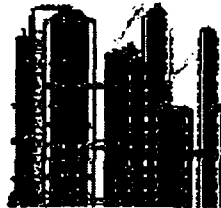
July 2000

What are RCRA Deferral Sites?

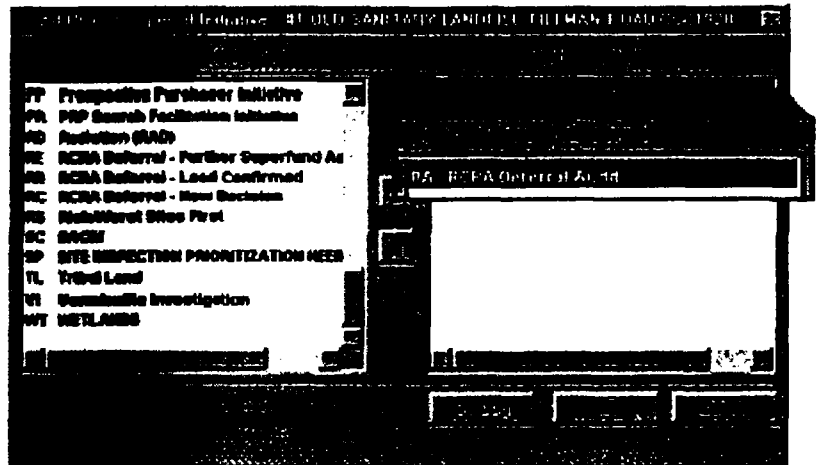
A March 1999 report by EPA's Office of the Inspector

General (OIG) identified 2,941 Superfund sites that have been deferred to the Resource Conservation and Recovery Act (RCRA)

program. The OIG report determined that 842 sites are being appropriately addressed under RCRA, and 2,099 need further attention.



EPA has developed two measures to track and evaluate these 2,099 sites in WastelAN. First, EPA Headquarters will flag the sites using the existing "RCRA Deferral Audit" Special Initiative, and Regions will be able to enter one of the following three new Special Initiatives: RCRA Deferral—Lead Confirmed; RCRA Deferral—New Decision; or RCRA Deferral—Further Assessment. The second measure adds a new WastelAN action, "Site Reassessment", that will track reassessment activities at sites.



How Will Tracking RCRA Deferral Sites Benefit EPA?

Use of the one existing and three new Special Initiatives and the new WastelAN action, "Site Reassessment," will allow EPA to:

- Readily identify the OIG RCRA deferral sites and accurately report their current status;
- Effectively track reassessment activities, recording dates and fiscal year accomplishments; and
- Receive proper credit for reassessment work performed in the Regions.

Additionally, these new initiatives allow the Regions to track the status of RCRA deferral sites that were identified in the 2,099 sites needing further attention. The new "Site Reassessment" action does not replace current assessment actions; it serves as a supplement in instances when some assessment is needed to evaluate new information on a site, yet a full assessment action is not warranted under the Superfund program.

How Will Regional Staff Maintain RCRA Deferral Activities?

Regions will be responsible for entering the new WastelAN Special Initiatives. The new Regional Special Initiatives are:

- RCRA Deferral—Lead Confirmed: Indicates that the RCRA-Deferral decision was accurate; i.e., there is no change to the current RCRA deferral status.
- RCRA Deferral—New Decision: Indicates that EPA is correcting or changing the currently-listed decision from "Deferred to RCRA" to another indicator.
- RCRA Deferral—Further Superfund Assessment: Indicates that EPA needs to conduct further assessment to update the status. (This initiative should be used in conjunction with the new Site Reassessment action.)

Regions will also be responsible for recording Site Reassessment activities using the new WastelAN action.



rcradfml.pdf

Who Can I Contact for More Information?

For more information on this program, contact:
WastelAN Technical Manual

1-800-424-6342
1-877-1111
tcc@line1.com
tcc@line1.com

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

DATE: November 20, 2000

SUBJECT: Lead Confirmation for Sites Identified in the FY'1999 OIG Audit of Sites Deferred to RCRA

FROM: Joseph Dufficy
Brownfield/Early Action Section
Superfund Division

Gerald Phillips
Corrective Action Manager
Waste, Pesticides & Toxics Division

TO: SITE FILES

This memo is to memorialize the lead decisions for those sites that the Office of the Inspector General (OIG) identified in the March 1999 report, entitled "Superfund Sites Deferred to RCRA." The OIG audit recommended that Superfund reevaluate all deferred sites not in the RCRA corrective action workload to determine the best legal authority to address the sites, and any response actions necessary in order to improve communication between the programs. The OIG also recommended that the two programs should reach agreement on which program will take lead responsibility for each of the sites by the end of calendar year 2000.

The OIG lists for Region 5 included (493 sites) 'Sites Subject to Corrective Action', and (184 sites) 'RCRA Handlers' that may not be subject to corrective action. These two lists (attached) have been reviewed by both programs and are identified with one of the three Special Initiative flags. For those sites that have been scored under the RCRA NCAPS model, they are noted as RCRA Deferral - Lead Confirmed. For those sites to be addressed under Superfund, they are identified on the attached lists as RCRA Deferral - New Decision or RCRA Deferral - Further Assessment. All sites requiring reassessments by Superfund will have findings provided to RCRA for their information.

Attachments (2) *

cc: State Site Assessment Contacts
EAPMs

* FOR ATTACHMENTS PLEASE REFER TO THE FOLLOWING TWO SITE FILES:

AKZO COATINGS INC. 12D006390553

AG COMMUNICATION SYS. 12D005070545